

IN THE CLAIMS:

The text of all pending claims, (including withdrawn claims) is set forth below. Cancelled and not entered claims are indicated with claim number and status only. The claims as listed below show added text with underlining and deleted text with ~~strike-through~~. The status of each claim is indicated with one of (original), (currently amended), (cancelled), (withdrawn), (new), (previously presented), or (not entered).

Please AMEND claims in accordance with the following:

1. (Currently Amended) A communication device including a plurality of communication functions corresponding to communication functions for devices belonging to another party, and having a function which manages identification information concerning the devices of the other party, comprising:

a receiver receiving a plurality of pieces of identification information concerning the devices of the other party, said identification information including information to specify a communication interface for the devices of the other party, said devices of the other party including a device able to communicate and existing within a range for said communication device to communicate in case of performing communication by said communication device;

a storage storing the identification information; and

an information processor executing operations of

storing pieces of identification information concerning the devices of the other party in said storage,

retrieving the identification information from said storage by receiving input of specifying information out of said pieces of identification information, and

relating a result of that retrieval to said specifying information and outputting them, or making that output possible, in order to identify and specify a particular device of the other party, wherein

the identification information including the specifying information is obtained in a process of existence confirmation of said devices of the other party preformed before establishment of a connection between said communication device and said devices of the other party,

the specifying information and the identification information are related to be stored to the storage, [[and]]

after relating said specifying information and said identification information, said

connection with said devicedevices of the other party is able to be started by designation of said specifying information, and

said information processor further executes operations of

storing profile information showing a connection procedure with said devices of the other party in said storage so that said profile information can be designated,

retrieving from said storage by said identification information related to said designated specifying information to specify a device of the other party, and
performing a connection with the specified device of the other party by said identification information related to said designated specifying information, said connection being performed by a procedure according to said profile information to be designated.

2. (Previously Presented) The communication device of claim 1, wherein said pieces of identification information include human information and one or plural pieces of proper information representative of the devices of the other party, and said specifying information to which said pieces of identification information are related is said human information.

3. (Previously Presented) The communication device of claim 1 further comprising an information presenter relating the result of the retrieval of said information processor to said specifying information and presenting them.

4. (Currently Amended) A communication device including a plurality of communication functions corresponding to communication functions for devices belonging to another party, and managing identification information concerning the devices of the other party, comprising:

a transmitter/receiver demanding transmission of identification information from a particular [[the]] device of the other party from among the devices of the other party, receiving a plurality of pieces of identification information concerning a particularthe device of the other party from among the devices of the other party, said identification information including information to specify a communication interface of said device of the other party, said devicedevices of the other party including a device able to communicate and existing within a range for said communication device to communicate in case of performing communication by said communication device;

a storage storing the identification information; and

an information processor storing the pieces of identification information received from the device of the other party in said storage, retrieving the identification information from said storage by receiving input of specifying information out of said pieces of identification information, and relating a result of that retrieval to said specifying information and outputting them, or making that output possible, in order to identify and specify the particular device of the other party wherein

the identification information including the specifying information is obtained in a process of existence confirmation of said devices of the other party preformed before establishment of a connection between said communication device and said devices of the other party,

the specifying information and the identification information are related to be stored to the storage, [[and]]

after relating said specifying information and said identification information, said connection with said ~~device~~devices of the other party is able to be started by designation of said specifying information, and

said information processor stores profile information showing a connection procedure with said devices of the other party in said storage so that said profile information can be designated, said information processor retrieving from said storage by said identification information related to said designated specifying information to specify a device of the other party, said information processor performing a connection with the specified device of the other party by said identification information related to said designated specifying information, said connection being performed by a procedure according to said profile information to be designated.

5. (Currently Amended) A communication device including a plurality of communication functions corresponding to communication functions for devices belonging to another party, and using proper address information which specifies an interface for the devices of the other party, comprising:

a transmitter/receiver transmitting and receiving identification information specifying devices of the other party, said identification information including proper address information to specify a communication interface of said devices of the other party, said devices of the other party including a device able to communicate and existing within a range for said communication device to communicate in case of performing communication by said communication device;

a storage storing the proper address information related to specifying information out of

the identification information; and

an information processor relating said proper address information to the specifying information out of the identification information received from the devices of the other party and storing said proper address information in the storage, wherein

the identification information including the specifying information is obtained in a process of existence confirmation of said devices of the other party preformed before establishment of a connection between said communication device and said devices of the other party,

the specifying information and the identification proper address information are related to be stored to the storage, [[and]]

after relating said specifying information and said identification proper address information, said connection with said devices of the other party is able to be started by designation of said specifying information, and

said information processor stores profile information showing a connection procedure with said devices of the other party in said storage so that said profile information can be designated, said information processor retrieving from said storage by said proper address information related to said designated specifying information to specify a device of the other party, said information processor performing a connection with the specified device of the other party by said proper address information related to said designated specifying information, said connection being performed by a procedure according to said profile information to be designated.

6. (Previously Presented) The communication device of claim 4 further comprising a presenter relating the pieces of identification information received from the devices of the other party to the specifying information and presenting them.

7. (Currently Amended) A communication device including a plurality of communication functions corresponding to communication functions for devices belonging to another party, and using proper address information which specifies an interface for the devices of the other party, comprising:

a data base part that relates the proper address information which specifies a communication interface for the devices of the other party to specifying information in the proper address information and stores it, said devices of the other party having a communication standard corresponding to said communication device, and said devices of the other party

including a device able to communicate and existing within a range for said communication device to communicate in case of performing communication by said communication device;

an information presenting part that outputs the proper address information stored in said data base part;

a selection input part that selects optional proper address information from a plurality of pieces of proper address information presented in said information presenting part; and

an information processing part that retrieves said data base part by using a result of selection of the selection input part as a key, and starts a connection with a particular device of the other party by using the proper address information which is a result of that retrieval, wherein

the identificationproper address information including the specifying information is obtained in a process of existence confirmation of said devices of the other party preformed before establishment of a connection between said communication device and said devices of the other party,

said proper address information and said specifying information are related to be stored to said data base part, [[and]]

after relating said specifying information and said proper address information, said connection with said devicedevices of the other party is able to be started by designation of said specifying information, and

said information processing part further

stores profile information showing a connection procedure with said devices of the other party in said data base part so that said profile information can be designated,

retrieves from said data base part by said proper address information related to said designated specifying information to specify a device of the other party,

connects with the specified device of the other party by said proper address information related to said designated specifying information, said connecting being performed by a procedure according to said profile information to be designated.

Claims 8-10. (Cancelled)

11. (Currently Amended) An information processing method of a communication device which performs communication with devices of another party, comprising:

a receiving a plurality of pieces of identification information concerning the devices of the other party, said identification information including information to specify a communication

interface of said devices of the other party, said devices of the other party communicating with said communication device, said communication device having a plurality of communication functions corresponding to communication functions for devices belonging to the other party, said devices of the other party including a device able to communicate and existing within a range for said communication device to communicate in case of performing communication by said communication device;

storing pieces of identification information, which are received, in a storage~~the storing~~;
storing profile information showing a connection procedure with said devices of the party in said storage so that said profile information can be designated;

relating the identification information for specifying the communication interface of the devices of the other party by specifying information in the identification information; and

retrieving the identification information from the storage by receiving input of the specifying information out of the pieces of identification information, and relating a result of that retrieval to said specifying information and outputting them, or making that output possible, in order to identify and specify a particular device of the other party, wherein

the identification information including the specifying information is obtained in a process of existence confirmation of said devices of the other party preformed before establishment of a connection between said communication device and said devices of the other party,

said identification information and said specifying information are related to be stored to said storage, [[and]]

after relating said specifying information and said identification information, said connection with said device~~devices~~ of the other party is able to can be started by designation of said specifying information,

said identification information related to said designated specifying information is retrieved from said storage to specify a device of the other party, and a connection with the specified device of the other party is performed by said identification information related to said designated specifying information, and

said connection is performed by a procedure according to said profile information to be designated.

12. (Currently Amended) An information processing method of a communication device which performs communication with devices of another party, comprising:

demanding transmission of identification information from the devices of the other party,

and receiving the identification information from the devices of the other party, said identification information including information to specify a communication interface of said devices of the other party, said devices of the other party communicating with said communication device, said communication device having a plurality of communication functions corresponding to communication functions for devices belonging to the other party, said devices of the other party including a device able to communicate and existing within a range for said communication device to communicate in case of performing communication by said communication device;

storing a plurality of pieces of identification information, which are received, in the storage; and

storing profile information showing a connection procedure with said devices of the other party in said storage so that said profile information can be designated;

relating the identification information for specifying the communication interface of the devices of the other party by specifying information in the identification information; and

retrieving the identification information from the storage [[part]] by receiving input of the specifying information out of the pieces of identification information, and relating a result of that retrieval to said specifying information and outputting them, or making that output possible, in order to identify and specify a particular device of the other party, wherein

the identification information including the specifying information is obtained in a process of existence confirmation of said devices of the other party preformed before establishment of a connection between said communication device and said devices of the other party,

said identification information and said specifying information are related to be stored to said storage, [[and]]

after relating said specifying information and said identification information, said connection with said devices of the other party is able to be started by designation of said specifying information,

said identification information related to said designated specifying information is retrieved from said storage to specify a device of the other party, and a connection with the specified device of the other party is performed by said identification information related to said designated specifying information, and

said connection is performed by a procedure according to said profile information to be designated.

13. (Currently Amended) A computer readable recording medium storing a computer

program for information processing of a communication device having a plurality of communication functions corresponding to communication functions for devices belonging to another party which performs communication with the devices of the other party, the program which when executed by a computer causes the computer to perform the process comprising:

receiving a plurality of pieces of identification information concerning the devices of the other party, said identification information including information to specify a communication interface of said devices of the other party,

said devices of the other party including a device able to communicate and existing within a range for said communication device to communicate in case of performing communication by said communication device;

storing the pieces of identification information, which are received, in a storage [[part]];

storing profile information showing a connection procedure with said devices of the other party in said storage so that said profile information can be designated;

relating the identification information for specifying the communication interface of the devices of the other party by specifying information in the identification information; and

retrieving the identification information from the storage [[part]] by receiving input of the specifying information out of the pieces of identification information, and relates a result of that retrieval to said specifying information and outputs them, or makes that output possible, in order to identify and specify a particular device of the other party, wherein

the identification information including the specifying information is obtained in a process of existence confirmation of said devices of the other party preformed before establishment of a connection between said communication device and said devices of the other party,

said identification information and said specifying information are related to be stored to said storage, [[and]]

after relating said specifying information and said identification information, said connection with said devices of the other party is able to be started by designation of said specifying information,

the process further comprising:

retrieving from said storage by said identification information related to said designated specifying information to specify a device of the other party;

connecting with the specified device of the other party by said identification information related to said designated specifying information, said connecting being performed by a procedure according to said profile information to be designated.

14. (Currently Amended) A computer readable recording medium storing a computer program for information processing of a communication device having a plurality of communication functions corresponding to communication functions for devices belonging to another party which performs communication with the devices of the other party, the program which when executed by a computer causes the computer to perform the process comprising:

demanding transmission of identification information to the devices of the other party, and receiving the identification information from the devices of the other party, said identification information including information to specify a communication interface of said devices of the other party, said devices of the other party including a device able to communicate and existing within a range for said communication device to be able to communicate in case of performing communication by said communication device;

storing a plurality of pieces of identification information, which are received, in a storage [[part]]:

storing profile information showing a connection procedure with said devices of the other party in said storage so that said profile information can be designated;

relating the identification information for specifying the communication interface of the devices of the other party by specifying information in identification information; and

retrieving the identification information from the storage [[part]] by receiving input of the specifying information out of the pieces of identification information, and relates a result of that retrieval to said specifying information and outputs them, or makes that output possible, in order to identify and specify a particular device of the other party, wherein

the identification information including the specifying information is obtained in a process of existence confirmation of said devices of the other party preformed before establishment of a connection between said communication device and said devices of the other party,

said identification information and said specifying information are related to be stored to said storage, [[and]]

after relating said specifying information and said identification information, said connection with said devices of the other party is able to be started by designation of said specifying information,

the process further comprising:

retrieving from said storage by said identification information related to said designated specifying information to specify a device of the other party;

performing a connection with the specified device of the other party by said identification information related to said designated specifying information, said connection being performed by a procedure according to said profile information to be designated.

15-16. (Cancelled)

17. (Currently Amended) A communication device having a plurality of communication functions corresponding to communication functions for devices belonging to another party managing identification information concerning the devices of the other party, comprising:

a receiver receiving a plurality of pieces of identification information concerning the devices of the other party, the plurality of pieces of identification information including information to specify a communication interface of said devices of the other party and name information of device assigned by a manufacturer or a user, said devices of the other party including a device able to communicate and existing within a range for said communication device to communicate in case of performing communication by said communication device;

a storage storing the pieces of identification information; and

an information processor storing the pieces of identification information concerning the devices of the other party in said storage, retrieving the identification information from said storage by receiving input of specifying said name information out of said pieces of identification information, and relating a result of that retrieval to said specifying name information and outputting them, or making that output possible, in order to identify and specify a particular device of the other party, wherein

the identification information including the specifying name information is obtained in a process of existence confirmation of said devices of the other party preperformed before establishment of a connection between said communication device and said devices of the other party,

the specifying name information and the identification information are related to be stored to the storage, [[and]]

after relating said specifying name information and said identification information, said connection with said device devices of the other party is able to be started by designation of said specifying name information, and

said information processor stores profile information showing a connection procedure

with said devices of the other party in said storage so that said profile information can be designated, said information processor retrieving from said storage by said identification information related to said designated name information to specify a device of the other party, said information processor performing a connection with the specified device of the other party by said identification information related to said designated name information, said connection being performed by a procedure according to said profile information to be designated.

18. (Currently Amended) A communication device having a plurality of communication functions corresponding to communication functions for devices belonging to another party which manages identification information concerning the devices of the other party, comprising:

 a storage storing identification information of the devices of the other party and a corresponding device name of the devices of the other party, said identification information including information to specify a communication interface of said devices of the other party, the device name information being assigned by a manufacturer or a user, said devices of the other party including a device able to communicate and existing within a range for said communication device to communicate in case of performing communication by said communication device; and

 an information processor retrieving the identification information from said storage responding to specifyingsaid name information that specifies a part of said identification information, and using the retrieved identification information for operational processing, wherein

 the identification information including the specifyingname information is obtained in a process of existence confirmation of said devices of the other party preperformed before establishment of a connection between said communication device and said devices of the other party,

 the specifyingname information and the identification information are related to be stored to the storage, [[and]]

 after relating said specifyingname information and said identification information, said connection with said devices of the other party is able to be started by designation of said specifyingname information, and

said information processor stores profile information showing a connection procedure with said devices of the other party in said storage so that said profile information can be designated, said information processor retrieving from said storage by said identification information related to said designated name information to specify a device of the other party.

said information processor performing a connection with the specified device of the other party
by said identification information related to said designated name information, said connection
being performed by a procedure according to said profile information to be designated.

19-20. (Cancelled)